



Galaxy NGC 4258 is about 23 million light-years away, and it has a supermassive black hole at its center. This picture of NGC 4258 is a combination of several different images: X-rays from NASA's Chandra X-ray Observatory are blue, radio data from the NSF's Karl Jansky Very Large Array are purple, optical data from NASA's Hubble Space Telescope are yellow, and infrared data from NASA's Spitzer Space Telescope are red. Learn more about black holes and how they form. [/black-holes](#).

Image Credit: X-ray: NASA/CXC/Caltech/P.Ogle et al.; Optical: NASA/STScI; IR: NASA/JPL-Caltech; Radio: NSF/NRAO/VLA

JULY 2015

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Sunday

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Anti-boredom Month.
Fight boredom by playing
games at The Space Place.
[/menu/play](#)

On this calendar
[/migration](#)
means
[spaceplace.nasa.gov/](#)

1 **First U.S. zoo** opened in 1874 in Philadelphia, PA. Many zoos give homes to endangered species. How can satellites help these animals in the wild? [/migration](#)

2

3

4 **Mars Pathfinder rover** landed on Mars in 1997. What award will Mars win in a planet contest? [/story-planet-awards](#)
U.S. Independence Day

5

6 Earth at **aphelion**, the time of year when we are farthest from the sun. Why isn't it cold if we are farthest from the sun? [/seasons](#)

7

8 **LAST QUARTER**

9 **Voyager 2** flew by Jupiter and discovered three moons in 1979. Play "JunoQuest" and help unravel more Jupiter mysteries. [/junoquest](#)

10

11 **United Nations World Population Day.** How can Earth space missions show humans' effect on Earth? [/misr-xword](#)

12

13 In 1995, the **Galileo spacecraft** released a probe destined for Jupiter's atmosphere. How else can we learn about Jupiter and other planets? [/dr-marc-solar-system](#)

14

15 **NEW MOON**

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20 **Moon Day.** Neil Armstrong was the first human to walk on the moon this day in 1969. What did the astronauts learn? [/dr-marc-earth](#)

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23 **FIRST QUARTER**

24 **Amelia Earhart** born, 1897. Read about the airplane that has flown higher than any other winged aircraft in horizontal flight—on Sun power no less! [/helios](#)

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28

29 **NASA was established in 1958.** The Space Place is just one example of NASA's commitment to education.

30

31 **Apollo 15's rover** was the first vehicle driven on the Moon, 1971. See a picture of the lunar rover. [/gallery-earth/#moon](#)